

ABSTRACT

“Endoluminal prosthesis comprising a therapeutic agent”

Delivery of Melatonin (N-acetyl-5-methoxytryptamine) locally, particularly from an intraluminal prosthesis such as a coronary stent, directly from the surface of the prosthesis or from pores, micropores, or perforations in the stent body, mixed or bound to a polymer coating applied on the
5 endoluminal prosthesis, or mixed or bound to a glue applied to the endoluminal prosthesis, to inhibit inflammation induced by the injury caused by the implantation of the prosthesis and neointimal tissue proliferation and ingrowth of tissue, thereby facilitating the performance of the prosthesis.